

SUOMALAISEN ELÄIN- JA KASVITIETEELLISEN SEURAN VANAMON  
KASVITIETEELLISIÄ JULKAISUJA  
OSA 10. N:o 4.

ANNALES BOTANICI SOCIETATIS ZOOLOGICÆ-BOTANICÆ FENNICÆ VANAMO  
TOM. 10. N:o 4.

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BASIDIOMYCETES NOVI  
RARIORESQUE IN FENNIA COLLECTI

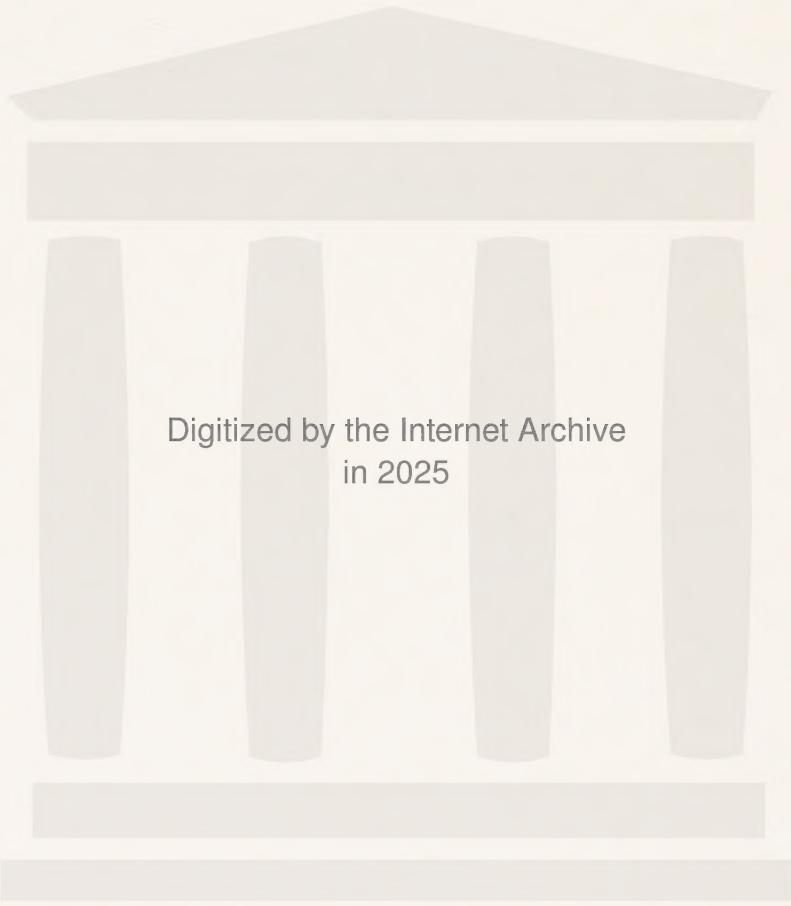
S C R I P S I T

MATTI LAURILA

2 figureae

Suomenkielinen selostus:  
Uusia ja harvinaisia basidiosieniä Suomesta

HELSINKI 1939



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HELSINGIAE 1939  
TYPIS SOCIETATIS LITTERARUM FENNICAЕ

## PRAEFATIO.

Basidiomycetes infra enumerati ab auctore annis 1934–37 praesertim in provinciis Rt, St, Kb et Ks collecti sunt et in herbario meo atque pro parte etiam in herbario Musei Botanici Universitatis Turkuënsis asservantur. Species ordinatae sunt secundum systemam BOURDOTI et GALZINI, quae in opere classico eorum »Hyménomycètes de France« proposita est.

Benevolentia eximia praefectorum museumvariorum mihi contigit specimina fungorum criticorum comparationis causa inspirare et examinare. Praeter Herbarium Karstenii (Helsinki) ex herbariis sequentibus specimina accepi: Herbarium Bresadolae et Herbarium Romellii (Stockholm), Herbarium Musei Botanici in Uppsala et herbarium privatum cel. d:ris L. E. KARI (Turku).

In praeparatu manuscripti cel. domini I. HUTONEN et H. EDELMANN auxilium gratum dederunt.

Turku, Kalend. April., a.D. MCMXXXVIII

AUCTOR

Obs. 1. Species Fenniae n o v a e astro (\*) designatae sunt.

Obs. 2. Rt = Regio turkuënsis Kl = Karelia ladogensis  
St = Satakunta Kb = Karelia borealis  
Ta = Tavastia australis Ks = Kuusamo

## AURICULARIALES

\**Helicobasidium purpureum* Pat.

St: Kankaanpää, Venesjärvi, Sinahmi, ad ramulum putrescentem *Piceae excelsae*, 12. VI. 1937. — Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Nuottilampi, ad ramulum putrescentem *Lonicerae coeruleae*, 20. VI. 1937.

*Herpobasidium filicinum* (Rostr.) Lind, Ark. f. Bot., 7, n:o 8, 1908, p. 7.

Ks: Salla, Nivajärvi, in foliis vivis *Cystopteridis montanae*, 3. VIII. 1937.

\**Platygloea Peniophorae* B. et G., Hym. de Fr., 1928, p. 13.

Rt: Turku, Ruissalo, in hymenio *Gloeocystidii praetermissi* ad ramum desiccatum *Quercus roboris* crescentis, 9. IX. 1937.

## TREMELLALES

*Ditangium insigne* Karst., Hattsv., II, 1882, p. 204.

Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Helotuskensku, 9. VIII. 1937; Salla, Auhtijärvi, 28. VI. 1937, inter lacus Auhtijärvi et Hosijärvi, Painotunturinlampi, 2. VII. 1937, ad flumen Kutsajoki, Nivajärvi et Jyrhämäjärvi, 25. VII. 1937.

Semper ad *Piceam excelsam*, praesertim ad caudices corticatos prolapsosque in silvis virginis crescit. Forsitan species biologica, distributione geographica et matrice valde a *D. Cerasi* (Schum.) differens, sed characteribus microscopicis sat bene cum eo congruens.

\**Sebacina strigosa* B. et G. f. *salicina* B. et G., Hym. de Fr., 1928, p. 38.

Rt: Karjalohja, prope praedium Maila, ad lignum infra ramum crassum deciduum *Ulmi*, 2. X. 1937.

\**Sebacina epigaea* (Berk. et Br.) B. et G., Hym. de Fr., 1928, p. 39.

St: Kankaanpää, Venesjärvi, Sinahmi, in petiolis foliorum putrescentium *Struthiopteridis filicastri*, 1. IX. 1936.

\**Sebacina uvicida* (Fr.) Bres.

Rt: Karjalo hja, Maila, *Ulmus*, 2. X. 1937 (ad *S. griseam* Bres. vergens). – St: Noormarkku, Sulkjärvi, *Tilia cordata*, 9. VI. 1937, Poosjärvi, *Ribes alpinum*, 13. VI. 1937.

\**Sebacina peritricha* B. et G., Hym. de Fr., 1928, p. 44.

Rt: Karjalo hja, Maila, *Sorbus aucuparia*, 2. X. 1937.

*Sebacina calcea* (Pers.) Bres. – Syn. *Xerocarpus farinellus* Karst.

Rt: Ry mättylä, Pakinainen, Pähkinäinen, *Picea excelsa*, 17. V. 1937. – St: Noormarkku, Poikeljärvi, *Picea excelsa*, 18. XI. 1937.

\**Bourdotia cinerea* (Bres.) B. et G., Hym. de Fr., 1928, p. 49.

St: Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. VI. 1937.

\**Heterochaetella dubia* B. et G., forma ad var. *mesochaetam* B. et G., Hym. de Fr., 1928, p. 52 vergens.

Rt: Lohja, Orsnäs, ad lignum trunci dejecti *Piceae excelsae*, 1. X. 1937.

## TULASNELLALES

*Tulasnella violacea* (Quel.) B. et G. – Syn. *Corticium roseolum* Karst. sec. v. H. et L.

Rt: Karjalo hja, Karkalinniemi, *Betula*, 3. X. 1937. – St: Siikainen, Vuorijärvi, *Betula*, 27. II. 1937; Kankaanpää, Venesjärvi, *Betula*, 26. II. 1937.

## DACRYOMYCETALES

\**Dacryomyces ovisporus* Bref.

Rt: Turku, Hirvensalo, ad ramum deciduum decorticatumque *Pini silvestris*, 12. IX. 1937.

*Sporae ovoideae, apiculatae, hyalinae, laeves, simplices, transversaliter 1-septatae vel areolatae, 12–17 × 10–14 μ. Basidia elongata, furcata, c. 60 × 6–9 μ, 2-sterigmatibus crassit, c. 3.5 μ. Hymenium e basidiis et hyphis sterilibus, 1–3 μ crassis subsimplicibusque constat. Hyphae 1–2 μ crassae, subhyalinae – flavescentes, laeves, nudae, membranis laeviter incrassatis, septato-nodosae, sat crebre ramosae, laxe irregulariter intricatae.*

Species rarissima, antea tantum in Germania a cel. BREFELD et in Svecia a cel. NANNFELDT collecta.

\**Dacryomyces punctiformis* Neuh., Ark. f. Bot., 28, n:o 1, 1936, p. 45.

St: Siikainen, Vuorijärvi, 1. III. 1937; Kankaanpää, Pieni Madesjärvi, 16. VIII. 1936. – Ad ramos decorticatos *Pini silvestris*.

\**Dacryomyces Romellii* Neuh., ibid., p. 47.

St: Siikainen, Vuorijärvi, ad ramum putrescentem *Pini silvestris*, 3. VI. 1937; Kankaanpää, Venesjärvi, ad lignum infra caudicem tenuem *Pini silvestris* dejectae, 21. VI. 1935.

\**Dacryomyces lutescens* Bref.; Neuh., ibid., p. 42.

Rt: Turku, Ruissalo, *Quercus robur*, 3. V. 1937; Russo, Pomporahka, *Salix*, 14. V. 1936. – St: Siikainen, Vuorijärvi, *Populus tremula*, 31. V. 1936 et 8. VI. 1937.

*Dacryomyces conformis* (Karst.) Neuh., ibid., p. 44. – Syn. *Ditiola conformis* Karst., Hattsv., II, 1882, p. 203; *Guepinia conformis* Karst., Bidr. kann. Finl. nat. o. folk, 62, 1903, p. 100; *Femsjonia pesizaiformis* Karst., Myc. Fenn., III, 1876, p. 253.

St: Noormarkku, Poosjärvi, ad caudicem *Coryli avellanae* dejectae, 23. IX. 1937.

## APHYLLOPHORALES

### Clavariaceae

*Clavaria ochraceo-virens* Jungh. – Syn. *C. abietina* Pers. (non Fr.)

Rt: Lohja, Orsnäs, ad frustula decidua in piceeto declivi, 1. X. 1937.

*Clavaria epichnoa* Fr.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 208.

Rt: Turku, Pahaniemi, ad truncum cariosum *Piceae excelsae*, 6. X. 1935. – St: Noormarkku, Sulkjärvi, ad caudices dejectos cariososque *Sorbi aucupariae* et *Betulae*, 20. IX. 1937.

*Clavaria pyxidata* Pers.

Rt: Kaarina, Littoinen, *Populus tremula*, 4. X. 1935. – St: Noormarkku, Sulkjärvi, *Populus tremula*, 13. VIII. 1935; Siikainen, Vuorijärvi, *Populus tremula*, 6. IX. 1935 et *Betula*, 1. IX. 1937.

*Sporae*  $3.5 - 4.5 \times 2 - 2.5 \mu$ , *oblongo-ellipticae*, *lateribus*  $\pm$  *applanatis*, *basi oblique apiculatae*, *hyalinae*, *laeves*, *tenuiter tunicatae*, *eguttulatae*. *Basidia laeviter conglutinata*, *membranis non distinctis*. *Hyphae subhymeniales*, *indistinctae*, *crebre irregulariter intricatae*. *Hyphae tramae* ad *basim carposomatis*  $3 - 15 \mu$  *crassae*, *fuscescentes*, *tenuiter tunicatae* vel *membranis laeviter incrassatis*, *laeves*, *subarticulato-septatae*, *ad septa nodosae*, *irregulariter minus dense intricatae*. *Hyphae tramae* ad *apices carposomatis* *versus indistinctae*, *saepe conglutinatae*. *Hyphae lactiferae* *frequentes*,  $4 - 12 \mu$  *crassae*, *plasma oleosa* vel *granulosa subhyalinaque* *farctae* et in *gloeocystidia* *subcylindrica*,  $60 - 75 \times 3 - 5 \mu$ , *in hymenio immersa*, *transientes*.

\**Clavaria fumosa* Pers., B. et G., Hym. de Fr., 1928, p. 119.

St: Kankaanpää, Luomajärvi, inter muscos iuxta semitam in declivo subumbroso silvae *Picea mixtae*, 5. VIII. 1936.

*Clavaria mucida* Pers., Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 209.

St: Noormarkku, Sulkjärvi, ad lignum cariosissimum caudicis *Betulae prolapsae*, 20. VIII. 1937; Kankaanpää, Luomajärvi, in terra ad semitam graminosam in pineto sicco, 29. VIII. 1936.

Algae chlorococcoideae(?) in eodem substrato semper inveniuntur et forsitan functionem gonidiorum habent.

\**Pterula subulata* Fr. – Syn. ? *P. multifida* Fr.

Rt: Lohja, Orsnäs, in piceeto ad ripam nemorosam, 1. X. 1937.

*Sporae*  $6-7 \times 2.5-3.5 \mu$ , *oblongae, lateribus applanatis, basi longe, oblique apiculatae. Hyphae*  $2-4 \mu$  *crassae, hyalinae, tenuiter tunicatae, septatae.*

### Corticiaceae

#### Cyphelleae

*Cyphella erucaeformis* (Batsch) Fr. – Syn. *C. albissima* Pat. et Doass., B. et G., Hym. de Fr., 1928, p. 159; *C. albocarnea* Quél., Pilat, Ann. Myc., 23, 1925, p. 160, quo descriptio bona; *C. eumorpha* Karst., Bidr. kann. Finl. nat. o. folk, 51, 1892, p. 225!

Rt: Kaarinä, Littoinen, 5. V. 1937. – St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, 20. VIII. 1937; Kankaanpää, Venesjärvi, 3. VIII. 1935. – Ad lignum durum, raro ad corticem in ramis desiccatis vel deciduis *Populi tremulae*.

\**Solenia poriaeformis* (DC) Fuck.; B. et G., Hym. de Fr., 1928, p. 163.

Rt: Karjalohja, Karkalinniemi, infra caudicem decorticatum *Sorbi aucupariae* prolapsae, 3. X. 1937.

*S. poriaeformis*, sensu Karstenii, ad *S. anomalam* pertinet.

*Porothelium fimbriatum* (Pers.) Fr.

Rt: Turku, Ruissalo, *Quercus robur*, 49. IX. 1936.

### Corticieae

\**Corticium hemale* M. Laur. sp. n.

*Effusum, tenuer, ceraceo-submembranaceum, primitus arcte adhaerens, deinde saepe faciliter in partibus separabile, cremeo-alutaceum, ambitu similari tenuescente vel passim subtiliter albo-pubescente. Hymenium laeve, glabrum, contiguum, vetustum partim rimosum.*

*Sporae magnae, regulariter globosae, apiculatae, hyalinae, laeves, tenuiter tunicatae,  $9-12 \mu$ . Basidia valde laxe distributa, primum conspecte ovata, deinde parte superiore subcylindrica, basi dilatata, c.  $40-50 \times 11-16 \mu$ , 4-sterigmatibus laeviter arcuatis, subulatis,  $15-18 \mu$  longis et ad  $3 \mu$  crassis. Trama crassit. c.  $90 \mu$ . Hyphae laxe irregulariter intricatae, saepe laeves, non incrustatae, tenuiter tunicatae, crebre ramosae, septatae, ad septa rarius nodosae,  $1.5-3 \mu$  crassae.*

Hab. in ligno et cortice and ramos desiccatos arborum acicullosarum in provincia Satakunta Fenniae occidentalis, hieme, leg. Matti Laurila.

St: K a n k a a n p ä ä, Venesjärvi, Kiimahohka, *Picea excelsa*, 1. II. 1936 (typus); S i i k a i n e n, Vuorijärvi, Itä-Suomilampi, *Pinus silvestris*, 1. III. 1937.

Species insignis, nullae speciei mihi cognitae affinis.

*Corticium pelliculare* Karst., B. et G., Hym. de Fr., 1928, p. 191.

St: N o o r m a r k k u, Poosjoki, Enträskijärvi, infra trabem putrescentem *Pini silvestris*, 25. IX. 1937.

var. *merulioides* B. et G., Hym. de Fr., 1928, p. 192.

St: N o o r m a r k k u, Sulkjärvi, ad trabes pineas horrei destructi vetusti, 5. VI. 1936.

\**Corticium violascens* Fr.

St: N o o r m a r k k u, inter lacus Sulkjärvi et Torajärvi, *Alnus*, 5. IX. 1936, Poosjärvi, *Betula*, 15. IX. 1937 et Poosjoki, Enträskijärvi, *Picea excelsa*, 25. IX. 1937. — Ad lignum putridissimum infra caudices dejectos crescit.

\**Corticium Galzinii* Bourd.; B. et G., Hym. de Fr., 1928, p. 194.

St: N o o r m a r k k u, Poosjoki, Enträskijärvi, duobus locis, infra caudices decorticatos *Piceae excelsae* prolapsos, 25. IX. 1937.

*Corticium microsporum* (Karst.) B. et G., Hym. de Fr., 1928, p. 195.

Rt: T u r k u, Ruissalo, *Alnus glutinosa*, 9. IX. 1937. — St: N o o r m a r k k u, Poosjärvi, *Picea excelsa*, 15. IX. 1937; P o m a r k k u, Kynäsjoki, *Alnus incana*, 18. VIII. 1937. — Ks: K u u s a m o, Sovajoki, Tervajärvi, *Betula* et *Pinus silvestris*, 11. VII. 1937.

*Corticium centrifugum* (Lév.) Bres.

St: N o o r m a r k k u, Poosjärvi, *Picea excelsa*, 23. IX. 1937.

*Corticium crustaceum* Karst., Bidr. känd. Finl. nat. o. folk, 62, 1903, p. 93; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1566; B. et G., Hym. de Fr., 1928, p. 211. — Syn. *Xerocarpus crustaceus* Karst.; *Corticium contiguum*, sensu Karstenii pro max. parte.

*Effusum, sat tenue, ex albido calcatum, primum crustaceo-aridum, arcte adhaerens, continuum vel rimulosum, deinde crassior, ceraceo-induratum, saepe late rimosum, margines rimarum plerumque substrato solventes, ambitu similari tenuescente. Hymenium glabrum, primum laeve, deinde vulgo tuberculis hemisphaericis dense ornatum.*

*Sporae semper copiosissimae, elliptico-oblongae - usque late ovoideae, saepe laeviter applanatae, non apiculatae, relative crasse tunicae tae, hyalinae, laeves, 4-5 × 3-4 (5-7 × 3-4  $\mu$ ). Basidia primum laxe distributa, deinde in hymenio densa, 12-24 × 5-6  $\mu$ , 4-sterigmatibus subulatis, rectis vel laeviter arcuatis, ad 4  $\mu$  longis (in speciminibus vetustioribus usque 6-8 × 2  $\mu$ ). Trama crassit. c. 60-130  $\mu$ . Hyphae tramae valde indistinctae, conglutinatae, septatae, sed vix nodosae.*

St: N o o r m a r k k u, Poosjärvi, *Corylus avellana*, 4. IX. 1937; K a n k a a n p ä ä, Venesjärvi, *Salix caprea*, 14. VI. 1935, Niinisalo, *Salix caprea*, 11. VIII. 1935, Santaskylä, *Salix caprea*, 11. VII. 1935 et Kirkonkylä, Jyränoja, *Prunus padus*, 13. VIII. 1936; S u o d e n n i e m i, Taipale, *Salix caprea*, 26. VIII. 1936. — Kb: P i e l i s j ä r v i, Louhivaara, *Salix caprea*, 6. et 8. VII. 1936. — Ks: K u u s a m o, ad septentrionem versus ab

Iacu Paanajärvi, Iso-Nuupajärvi, *Salix caprea*, 24. VI. 1937; Salla, Niluttijärvi, *Salix caprea*, 23. VII. 1937.

Specimina mea commemorata cum specimine originali optime concordant. Species adhuc parum cognita, solum e Fennia, Suecia et America boreali comperta. In Fennia non sit rara et praesertim in cortice, rarius in ligno ad caudices erectos vel dejectos *Salicis capreae* emortuos crescit. Etiam specimen originale a *Salice caprea* collectum est.

*Corticium odoratum* (Fr.) B. et G. – Syn. *Xerocarpus consobrinus* Karst., Acta Soc. F. Fl. Fenn., 27, n:o 4, 1905, p. 6.

St: Noormarkku, Sulkjärvi, *Pinus silvestris* et *Populus tremula*, 20. VIII. 1937; Pömarkku, Längelmäki, Piispanlampi, *Populus tremula*, 2. IX. 1937; Siikainen, Vuorijärvi, *Populus tremula*, 1. XI. 1937; Kankaanpää, Majajärvi, *Picea excelsa*, 23. VIII. 1937.

\**Corticium portentosum* Berk. et Curt.

Rt: Karjalohja, Karkalinniemi, ad caudicem *Alni glutinosae* prostratae, 25. V. 1937.

\**Corticium subpallidulum* Litsch., Sv. Bot. Tidskr., 32, 1938, p. 284. – Syn.; *C. calceum* sensu Burtii; *Peniophora calcea* Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 212.

Haec species verisimiliter in Fennia tota frequenter vel sat frequenter provenit. In provinciis Rt, St, Kb, et Ks legi. – Semper in ligno ad caudices dejectos et trabes *Pini silvestris* crescit.

\**Corticium cretaceum* Rom. – Syn. *Peniophora cretacea* B. et G., Hym. de Fr., 1928, p. 288, praeter cystidia immersa; *P. Romellii* Litsch.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 212; *C. calceum* auct.

St: Siikainen, Vuorijärvi, 8. VI. 1937; Kankaanpää, Venesjärvi, 3. VI. 1936, Santaskylä, 9. VIII. 1936 et 22. VIII. 1937. – Ad trabes pineas.

\**Corticium suecicum* Litsch. – Syn. *C. calceum* B. et G., Hym. de Fr., 1928, p. 237.

St: Siikainen, Vuorijärvi, 4. VI. et 6. IX. 1937. – Kb: Pielisjärvi, Louhivaara, 9. VII. 1936. – Ks: Kuusamo, Paanajärvi, Kyökäysvaara, 12. VII. 1937; Salla, ad flumen Tuntas, prope Näppäränkitonkoski, 19. VII. 1937. – Ad lignum *Pini silvestris*, rarius *Piceae excelsae*.

\**Corticium subcoronatum* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 822.

Verisimiliter in Fennia tota frequentissime provenit. Locis numerosissimis in provincia St legi; etiam in provinciis Rt et Ks a me collecta. – Ad caudices dejectos trabesque arborum aciculosarum et frondosarum variarum (tamen haud ad *Populum* et *Salicem*) in Fennia crescit.

\**Corticium botryosum* Bres.; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 833; B. et G., Hym. de Fr., 1928, p. 241.

Etiam species haec in Fennia sine dubio frequenter provenit, sed verisimiliter saepe in *C. coronatum* (Schroet.) transit.

In provinciis Rt, St et Ks a me collecta. – Ad caudices dejectos trabesque arborum aciculosarum, raro frondosarum crescit.

\**Corticium coronatum* (Schroet.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 837; B. et G., Hym. de Fr., 1928, p. 241.

Rt: K arjalo hja, Karkalinniemi, *Corylus avellana*, *Betula* et *Picea excelsa*, 3. X. 1937. - St: N o o r m a r k k u, Sulkjärvi, *Tilia cordata*, 29. VIII. 1937.

\**Corticium flavescent* (Bon.) Massee; B. et G., Hym. de Fr., 1928, p. 239.

St: N o o r m a r k k u, Poosjärvi, *Populus tremula*, 25. VIII. 1937; K anka a n p ä ä, Venesjärvi, K iimahohka, *Picea excelsa*, 22. IX. 1937.

*Gloeocystidium turidum* (Bres.) v. H. et L.; B. et G., Hym. de Fr., 1928, p. 252.

St: N o o r m a r k k u, Sulkjärvi, *Salix caprea*, 28. VII. 1936 et Poosjärvi, *Populus tremula*, 23. IX. 1937. - Ks: K u u s a m o, ad septentrionem versus ab lacu Paanajärvi, prope montem Helotuksentunturi, *Salix nigricans*, 23. VI. 1937.

In Fennia jam a. 1932 a cel. E. LEPIK in Lapponia petsamoënsi collecta (det. V. LITSCHAUER).

Sporae in speciminibus meis  $12 - 14 \times 4 - 5 \mu$  vel  $10 - 14 \times 5 - 7 \mu$ ; in specimine originali sec. BRESADOLAE  $12 - 17 \times 6 - 8 \mu$ ; sec. B. et G.  $7 - 9 - 12 \times 4 - 6 \mu$ .

*Gloeocystidium tuckdecruatum* (Karst.) v. H. et L.

St: P o m a r k k u, Valkjärvi, ad asserem cariosum *Piceae excelsae* in saepe, 24. VIII. 1936; K anka a n p ä ä, Venesjärvi, infra trabem cariosam pineam in tecto horrei vetusti, 28. VIII. 1935.

*Gloeocystidium Karstenii* B. et G., Hym. de Fr., 1928, p. 254.

St: N o o r m a r k k u, Poosjoki, ad ramum desiccatum *Populi tremulae*, 24. VIII. 1937. - Ks: S a l l a, Auhtijärvi, Yli-Näätäjärvi, ad caudicem basalem *Populi tremulae* prolapsae, 28. VI. 1937.

Species rarissima, antea solum e loco classico in Ta, Tammela, Mustiala a P. A. KARSTEN anno 1873 collecta. Specimina mea cum specimine originali ceterum bene concordant, sed forsitan colore hymenii minus ochraceo parum discrepant.

\**Gloeocystidium tenue* (Pat.) v. H. et L.; B. et G., Hym. de Fr., 1928, p. 256.

St: K anka a n p ä ä, Venesjärvi, *Pinus silvestris*, 27. II. 1937.

\**Gloeocystidium inaequale* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 826; B. et G., Hym. de Fr., 1928, p. 257.

St: N o o r m a r k k u, Poikeljärvi, *Populus tremula*, 18. IX. 1937; S i i - k a i n e n, Vuorijärvi, *Alnus glutinosa*, 3. VI. 1937.

\**Gloeocystidium pallidum* (Bres.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 838.

Rt: T urku, Ruissalo, ad ramum dejectum *Betulae*, 19. IX. 1936.

\**Gloeocystidium Sernanderi* Litsch., Sv. Bot. Tidskr., 25, 1931, p. 435.

St: Siikainen, Vuorijärvi, supra hymenium *Inonotus obliqui* ad truncum erectum et altum *Betulae magnae* emortuae, 1. III. 1937 et in hymenio *Ungulinae fermentarii*, 2. III. 1937.

Gloeocystidia in hymenio valde laxe distributa, ceterum specimina mea cum descriptione Litschaueri bene conveniunt.

\**Gloeocystidium ochraceum* (Fr.) Litsch.; B. et G., Hym. de Fr., 1928, p. 266.

St: Noormarkku, Poosjärvi, *Picea excelsa*, 15. IX. 1937; Kankaanpää, Venesjärvi, *Picea excelsa*, 30. VII. 1936.

\**Peniophora argillacea* Bres.; B. et G., Hym. de Fr., 1928, p. 279.

— Syn. *P. subtilis* (Schroet.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 837.

*Effusa*, *tenuis*, *submembranaceo-porosa*, *adhaerens*, *albida*, *ambitu similari*. *Sporae elliptico-applanatae*  $7-8$  ( $-9$ )  $\times$   $4-5$   $\mu$ , *decolores*, *laeves*, *basi oblique apiculatae*. *Basidia*  $24 \times 5-6$   $\mu$ , *4-sterigmatibus*  $3-5$   $\mu$  *longis*. *Cystidia subbulato-fusoidea*, *flexuosa*, *hyalina*, *laevia*, *non incrustata*, *tenuiter tunicata*, *basi saepe ampullacea inflata*,  $100-160 \times 8-10$   $\mu$ , *basi carssit*.  $12-17$   $\mu$ , *vulgo longe prominentia*, *parte prominula* c.  $70-90$   $\mu$ . *Hyphae subhymeniales indistinctae*, *conglutinatae*. *Hyphae tramae distinctae*, *articulato-septatae*, *ad septa saepe nodosae*, *interdum laeviter inflatae*, *tenuiter tunicatae*, c.  $3-5$   $\mu$  *crassae*.

Ks: Salla, Vuorijärvi, Pyhäkuru, ad lignum infra caudicem *Piceae excelsae* prolapsae in nemore, 5. VIII. 1937.

\**Peniophora carneola* Bres.; B. et G., Hym. de Fr., 1928, p. 279.

Rt: Karjalohja, Karkalinniemi, *Betula*, 3. X. 1937. — St: Noormarkku, Poosjoki, Enträskijärvi, *Populus tremula*, 25. IX. 1937. — Ad lignum cariosum infra caudices dejectos.

\**Peniophora vilis* B. et G., Hym. de Fr., 1928, p. 282.

St: Noormarkku, Poosjoki, Enträskijärvi, infra caudicem cariosum, decorticatumque *Pini silvestris* prolapsae, 25. IX. 1937.

\**Peniophora livida* (Fr.) Burt, Ann. Miss. Bot. Gard., 12, 1925, p. 239; B. et G., Hym. de Fr., 1928, p. 283.

Kb: Ilomantsi, Koitere, Rännänsaari, ad lignum infra caudicem *Populi tremulae* dejectae, 16. VII. 1936.

\**Peniophora gelebulosa* (Fr.) Bres.

Rt: Turku, Hirvensalo, *Pinus silvestris*, 12. IX. 1937. — St: Siikainen, Vuorijärvi, *Pinus silvestris*, 5. VI. 1937; Noormarkku, Poosjärvi, *Corylus avellana*, 23. IX. 1937; Kankaanpää, Venesjärvi, *Betula*, 12. VI. 1937 et *Alnus incana*, 14. VIII. 1936, Luomajärvi, *Pinus silvestris*, 17. VI. 1935 et 15. VIII. 1936, Santaskylä, *Salix caprea*, 22. VIII. 1937. — Ks: Kuusamo: ad septentrionem versus ab lacu Paanajärvi, Iso-Nuupajärvi, *Picea excelsa*, 24. VI. 1937 et Iso-Pöppölämpä, *Betula*, 6. VII. 1937.

\**Peniophora propinqua* B. et G., Hym. de Fr., 1928, p. 288.

St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, 20. IX. 1937; Kankaanpää, Luomajärvi, 4. VI. et 1. IX. 1937. — Ks: Kuusamo, Paanajärvi, Lautavaara, 11. VII. 1937; Salla, Sieminkijoki, 27. VII. 1937. — In ligno ad caudices dejectos *Pini silvestris*.

Species haec – saltem sensu meo – saepe transit in *P. glebulosam*, a qua fere tantum cystidis vulgo apice incrustatis, magis attenuatis, non cylindricis, minus longis et crassioribus distat.

*Peniophora subalutacea* (Karst.) v. H. et L.

St: Noormarkku, Poosjärvi, *Corylus avellana*, 4. IX. 1937; Poomarkku, Kynäsjoki, *Alnus incana*, 18. VIII. 1937 (f. *tenuior* B. et G.); Siikainen, Vuorijärvi, *Betula*, 17. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 28. VIII. 1937.

*Peniophora convolvens* Karst., Finl. Basidsv., 1889, p. 424; v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1551. – Syn. *Corticium convolvens* Karst., Hattsv., II, 1882, p. 148; Massee, Mon. Theleph., II, 1889, p. 133; *Gloeocystidium convolvens* B. et G., Hym. de Fr., 1928, p. 254.

*Late effusa, sat crassa, ceraceo-mollis, impure albida, subcinerascenti-lutescens vel cremeo-subincarnata, primum arcte adhaerens, deinde vulgo secedens et late rimosa, margines rimarum plerumque substrato solventes et saepe subinvolutae, ambitu similari vel subtiliter albopubescente. Hymenium subnudum, primum laeve, deinde vulgo papillis hemisphaericis dense ornatum.*

*Sporae copiosae, ellipticae, vix applanatae, 1-guttulatae, hyalinae, laeves, 4–6 × 2.5–3  $\mu$ . Basidia crassit. 4–5  $\mu$ , 4-sterigmatibus ad 3  $\mu$  longis. Cystidia huius speciei valde multiformia sunt, modo Peniophorarum nonnullarum aliarum (velut *P. incarnatae*). Cystidia vera sat crebra, subfusoidea, apicibus sat obtusis, hyalina, laetitia, nuda, membranis incrassatis, 40–60 × 4–9  $\mu$ , usque 40  $\mu$  prominentia et ibi saepe quasi 2–4-septata, pro maxima parte tamen in trama immersa et vulgo aseptata. Rarior cystidia membranas incrustatas habent et tum usque 15  $\mu$  crassa. *Gloeocystidia crebra*, in trama immersa, numquam prominentia, oblongo-subcylindrica, plasma oleosa subhyalina vel demum granulosa farcta, 40–120 × 4–10  $\mu$ . Hae omnes formae cystidiorum in eodem specimine (etiam in specimine originali) interdum observantur. Interdum tantum *gloeocystidia* adsum (Gloeocystidium convolvens B. et G.). Trama crassit. 150–300  $\mu$ . Hyphae tramae superioris et mediae valde indistinctae, conglutinatae. Hyphae basales semper valde distinctae, 2–4  $\mu$  crassae, hyalinae, laeves, nudae, sat tenuiter tunicatae, sublaxe intextae, septatae, ad septa non nodosae, saepe in *gloeocystidia* oblonga inflatae.*

Rt: Käralohja, Karkalinniemi, *Corylus avellana*, 3. X. 1937. – St: Noormarkku, Poosjärvi, *Sorbus aucuparia*, 23. IX. 1937, Poikeljärvi, *Betula* et *Picea excelsa*, 18. IX. 1937; Siikainen, Vuorijärvi, Väääräneva, *Alnus incana*, 6. IX. 1937 et Itä-Suomilampi, *Alnus glutinosa*, 1. IX. 1937. – Ad lignum et corticem infra caudices dejectos.

Specimina mea commemorata cum specimine originali in herb. Karstenii optime convenientia.

*Peniophora Lundellii*, species recens a cel. V. LITSCHAUER in Sv. Bot. Tidskr. 32, 1938, p. 288 exakte descripta, sine dubio cum specie nostra est identica.



Fig. 1. *Peniophora convolvens* Karst. Cystidia varia. – Auctor del.

\**Peniophora pallidula* Bres.; B. et G., Hym. de Fr., 1928, p. 296.  
St: Siikainen, Vuorijärvi, ad caudicem cariosum et decorticatum  
*Betulae* prolapsae, 6. IX. 1937.

*Peniophora rufida* (Karst.) B. et G., Hym. de Fr., 1928, p. 302. –  
Syn. *P. subcremea* v. H. et L. sec. Litsch.

Ks: Salla, Nivajärvi, ad caudicem corticatum *Piceae excelsae* magnae,  
prolapsae in piceetis virgineis, 3. VIII. 1937.

*Peniophora cremea* Bres. – Syn. ? *P. sordida* (Karst.) Burt; *Corticium laevissimum* Karst. pro parte, sec. B. et G.

St: Noormarkku, Sulkjärvi, *Populus tremula*, *Salix caprea* et *Pinus silvestris*, 20. VIII. 1937, Poosjärvi, *Corylus avellana*, 4. IX. 1937, Poikeljärvi *Populus tremula* et *Alnus glutinosa*, 18. IX. 1937; Siikainen, Haapakoski, *Alnus glutinosa*, 3. VIII. 1936, Vuorijärvi, *Populus tremula* et *Betula*, 6. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 14. VIII. 1937, Luomajärvi, *Populus tremula*, 1. IX. 1937.

*Peniophora laevis* (Fr.) Burt. – Syn. *Corticium calotrichum* Karst.  
sec. v. H. et L.

Verisimiliter in Fennia tota frequens. In provinceis Rt. St. Kb et Ks legi.

[*Kneiffia latitans* Karst., Bidr. kann. Finl. nat. o. folk, 54, 1892,  
p. 222. – Syn. *Corticium latitans* Karst.; Massee, Mon. Theleph., II, 1889,  
p. 156; *Peniophora latitans* v. H. et L., Sitzb. Ak. Wien, I Abt., 1906, p. 1554.

Specimen originale solum *Peniophora setigera* (Fr.) Bres. est. Ad *Peniophoram setigeram* etiam *Kneiffia sera* Karst., Finl. Basidv., 1889, p. 370.  
pertinet.]

\**Peniophora mutata* (Peck) Bres.

Rt: Turku, Ruissalo, ad caudicem obliquum *Sorbi aucupariae* semiemortuæ, 10. IX. 1937. – St: Siikainen, Vuorijärvi, ad ramos *Betulae* magnæ prolapsæ, 2. III. 1937.

\**Peniophora heterogena* B. et G., Hym. de Fr., 1928, p. 344.

Rt: Lohja, Orsnäs, ad lignum trunci dejecti *Piceae excelsae*, 1. X. 1937.  
Species haec cystidis suis conspectis sporisque amyloideis optime  
distincta.

*Peniophora pubera* (Fr.) Sacc. – Syn. ? *Peniophorella pubera* Karst.;  
*Peniophora puberula* (Karst.) Sacc.

St: Siikainen, Vuorijärvi, Itä-Suomilampi, ad lignum infra caudicem  
*Alni glutinosa* prolapsæ, 1. IX. 1937.

\**Peniophora fraxinea* (Pers.) Lill., Lundell et Nannf., Fungi exsicc.  
Suec., 1934, n:o 84. – Syn. *Peniophora cinerea* var. *interrupta* Pers.; *P. corticalis* var. *ciliata* B. et G.

Rt: Turku, Ruissalo, ad ramum desiccatum *Fraxini excelsioris*, 9. IX.  
1937.

?*Peniophora septentrionalis* M. Laur. sp. n.

*Resupinata*, primum orbicularis, deinde confluens et irregulariter  
effusa, coriaceo-indurata, pulchre roseo-litascens, subtilis fusco-

*nigricans. Hymenium contiguum, non rimosum, sub lente subpruinosum, superficie inaequali. Margo primum conspecte radialiter albofibrillosus et arcte adnatus, deinde mox similaris et substrato solvens usque passim subinvolutus.*

*Sporae cylindricae, laeviter arcuatae, 6–9×2–3 μ, hyalinæ, laeves. Basidia subclavata, hyalina, 20–25×4–6 μ, 4-sterigmatibus rectis, ad 5 μ longis. Cystidia immersa vel raro emergentia, hyalina vel fuscescens, versiformia, subfusoidea, oblongo-ovata vel subcylindrica, 30–75×5–15 μ, superiora acutata, tenuiter tunicata, vix incrusted, inferiora latiora, crasse tunicata, lumine saepe angustissimo, membrana rugulosa. Trama crassit. c. 200–400 μ. Hyphae subhymeniales et tramae superioris crebre verticaliter intextæ, fuscescentes. Hyphae basales et tramae mediae sat crebre substrato parallele intextæ, distinctæ, hyalinæ, vel laeviter fuscescentes, membranis parum incrassatis, laeves, non incrustedæ, septato-nodosæ, 1.5–3 μ crassæ.*

Hab. ad. caudices corticatos dejectos *Piceæ exelsæ* in silvis virgineis provinciae Kuusamo in Fennia boreali, aestate, leg. Matti Laurila.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, inter lacus Nuottilampi et Torasjärvi, 19. VI. 1937 (typus), Iso-Nuupajärvi, 24. VI. 1937; Sa II a, Auhtijärvi, Yli-Näätäjärvi, 28. VI. 1937 (LIRÖ, Mycoh. Fenn., ined.), Niluttijärvi, 29. VII. 1937.

*Peniophoræ corticali* et *P. cinereæ* var. *Piceæ* arcte affinis, sed videtur specificè diversa. A anteriore differt colore hymenii multo laetiore et hyphis tenuioribus, a posteriore hymenio numquam rimuloso discrepat. Margine primum conspecte albofibrilloso a omnibus congeneribus distat.

*Leuropodiscus aurantius* (Pers.) Schroet.

St: Noormarkku, Poosjoki, 25. VIII. 1937; Kankaanpää, Venesjärvi, 18. VIII. 1936, Santaskylä, 2. IX. 1935 et 22. VIII. 1937. – Ad ramos desiccatos *Alni glutinosæ* et *A. incanae*.

*Leuropodiscus polygonoides* (Karst.) Pilat, Ann. Myc., 24, 1926, p. 221. – Syn. *Lyomyces polygonoides* Karst.; *Corticium polygonoides* (Karst.), B. et G., Hym. de Fr., 1928, p. 227.

St: Noormarkku, inter lacus Sulkjärvi et Torajärvi, ad caudicem corticatum *Salicis capreae* magnæ, prolapsæ, 20. IX. 1937; Kankaanpää, Venesjärvi, Sinahmi, ad ramum desiccatum *Salicis capreae*, 2. VI. 1937.

Sporæ in speciminiis meis solum 5–7×4–5 μ diam.

*Leuropodiscus jennicæ* M. Laur. sp. n.

*Resupinatus, orbicularis, deinde confluens, tenuis, 1–10 mm latus, ceraceo-mollis, submembranaceus, toto adnatus vel margine interdum laeviter prominente. Hymenium pulchre cinerascenti-roseum, contiguum, laeve, subpruinosum. Margo distincte limitatus, obtusus, anguste albopubescens.*



Fig. 2. *Aleurodiscus fennicus* M. Laur.  
Paraphyses et sporae. — Auctor del.

*driceae, parte apicali appendicibus aculeiformibus, aequalibus numerosisque, hyalinæ, c.  $30 \times 3-6 \mu$ ; aculei  $2.5-4 \times 1 \mu$ . Gloeocystidia non prominentia, in hymenio sedentia vel saepe in strato subhymeniali immersa, oblongo-clavata, c.  $40-90 \times 10-14 \mu$ , succo oleoso hyalino vel flavo-granuloso farcta. Trama crassit. c.  $300 \mu$  (in KOH). Hyphae subhymeniales crebre subverticaliter intextæ, valde guttulatae, subhyalinæ-flavescentes, saepe inflatis oblongis. Hyphae tramae sublaxe irregulariter intricatae, hyalinæ, laeves, nudaæ, saepe guttulatae, membranis praesertim in trama basali laeviter incrassatis, crebre ramosæ, subarticulato-septatae, ad septa non nodosæ,  $2-4 \mu$  crassæ.*

Hab. ad ramos *Piceæ exelsæ* desiccatae, in provincia S a t a k u n t a Fenniae occidentalis, aestate, leg. Matti Laurila.

St: Kankaanpää, Venesjärvi, ad orientem versus ab lacu Sinahmi. 14. VI. 1935 (typus).

Species ex proxima affinitate forsan *Aleurodisci Oakesi* (Berk. et Curt.) Cke.

### Merulieae

*Phlebia centrifuga* Karst. Hattsv. II, 1882, p. 89; Finl. Basidsv., 1889, p. 347. — Syn. *P. macro* Litsch.

*Suborbicularis, resupinata, c. 0.4-0.5 mm crassa, late (usque 20 cm) effusa, subgelatinosa, siccitate fragilis, cartilagineo-rigescens, facile a substrato separabilis. Hymenium contiguum, ad centrum versus papillæ hemisphaericis inaequalibusque crebre ornatum (rarius siccitate sublaeve), ad marginem versus rugis humilibus subradianibusque ornatum. Color hymenii primum albidus, siccitate luteo-subochraceus usque livido-violascens. Margo radialiter strigosus, ex albo fuscescens, primum adnatus, siccitate facile secedens et late involutus.*

*Sporae 6-9  $\times$  2.5-3  $\mu$ , oblongae, lateribus applanatis, ad basim versus attenuatae, oblique apiculatae, hyalinæ, laeves, tenuiter tunicatae. Basidia oblongo-clavata, 16-30  $\times$  4.5-6.5, sterigmatibus binis vel quaternis rectis, subulatis, ad 5  $\mu$  longis. Hyphae subhymeniales creberrime verticaliter intextæ, flexuosaæ, tenuiter tunicatae, hyalinæ, c. 2  $\mu$  crassæ. Hyphae tramae laxius irregulariter ibricatae, ramosæ, hyalinæ, laeves, glabrae, septato-nodosæ, tenuiter tunicatae, 2-3.5  $\mu$  crassæ, basales substrato parallele decurrentes.*

*Stratum corticale c. 50 – 60  $\mu$  crassum ex hyphis fuscescentibus, conglutinatis parallelibusque. Hyphae entoxylae subhyalinæ, fuscescentes, nudaæ, sublaevæ, 3 - 5  $\mu$  crassæ, septato-nodosæ, membranis incrassatæ. In speciminiibus vetustioribus hyphae tramae in strato crassit, usque ad 400  $\mu$ , vulgo creberrime verticaliter intextæ, sed viri conglutinatae, 1.5 – 2.5  $\mu$  crassæ, saepe guttulatae, tenuiter tunicatae atque solum in trama basali crassiores et laevis irregulariter intricatae sunt.*

Ks: Kuusamo, in deserto sylvoso ad septentrionem versus ab lacu Paanajärvi, Purnujärvi, 19. VI. 1937, Helotuksentunturi, 20. VI. 1937, Latvajärvi (prope montem Mäntytunturi), 23. VI. 1937 et Pahakurunlampi, 24. VI. 1937; Salla, inter lacus Auhijärvi et Hosijärvi, Luhtasaarenlampi, 30. VI. 1937, Niluttijärvi, 23. et 29. VII. 1937. – Ad corticem infra caudices prolapsos *Piceae excelsæ* in silvis virgineis.

\**Merulius rubicundus* Litsch. apud Pilat, Bull. Soc. Mycol. de France, 49, 1934, p. 293.

*Sporæ 3.5 - 5  $\times$  1 – 1.5  $\mu$ , subcylindricæ, arcuatae, hyalinæ, laeves, saepe 2- vel 3-guttulatae. Basidia c. 18  $\times$  3 – 4  $\mu$ . Cystidia sat sparsa, cylindrica, apice obtuso, 35 – 55  $\times$  4 – 6  $\mu$ , tenuiter tunicata, nuda, hyalina vel apice granulis muricellata, 10 – 20  $\mu$  prominentia. Hyphae subhymeniales crebre ramosæ, tenuiter tunicatae, hyalinæ, laeves, non incrustatae, 2 – 5  $\mu$  crassæ, septatae, ad septa numquam nodosæ.*

St: Noormarkku, Poosjoki, 24. VIII. 1937; Siikainen, Vuorijärvi, 3. VI. et 24. XI. 1937; Kankaanpää, Venesjärvi, 3. VI. 1936 et Luomajärvi, 15. VIII. 1936. – Kb: Pielisjärvi, Kitsnyaara, Palkinvaara, 12. VII. 1936. – In ligno ad caudices dejectos trahesque *Pini silvestris*.

\**Merulius rufus* Pers.

Rt: Turku, Ruissalo, ad ramum crassum dejectumque *Quercus roboris*, 9. IX. 1937.

*Gyrophana himantoides* (Fr.) B. et G. f. *umbrina* (Fr.). – Syn. *Merulius umbrinus* Fr.; *Gyrophana umbrina* B. et G., Hym. de Fr., 1928, p. 353; *G. squalida* (Pers.) Pat.

St: Kankaanpää, Venesjärvi, ad trahes cariosas pineas horrei destructi vetusti 3. VI. 1936.

*Coniophorella umbrina* (A. et S.) Bres. – Syn. *C. olivacea* (Fr.) Karst.; *C. atrocinerea* Karst.; *C. fulvo-olivacea* (Massee) B. et G.; *Coniophora Karstenii* Massee, Mon. Thelep. I, 1888, p. 134; *C. furva* Karst.; *C. fumosa* Karst. pro parte.

Species haec variabilissima in Fennia tota sine dubio frequenter provenit meridiem versus forsan rarescens. Color hymenii primum olivaceus mox colore sporarum coacervatarum etiam in margine carposomatis umbrino mutatur (*C. olivacea* → *C. umbrina*). In speciminiibus vetustioribus color hymenii obscure fusco-nigrescens est et cystidia vulgo parte prominula destructa sunt. *Coniophora furva* Karst. solum forma talis est. De speciminiibus duobus *Coniophoræ fumosæ* in herbario Karstenii unum ad *Coniophorellam umbrinam*, alterum ad *Coniophoram aridam* pertinet. Etiam *Coniophora macra* Karst. ad *C. aridam* pertinet.

## Stereaceae

\**Stereum fasciatum* Schwein., Pilat, Hedw., 70, 1930, p. 45.

St: Noormarkku, Poikeljärvi, *Alnus glutinosa*, 18. IX. 1937; Siikainen, Vuorijärvi, *Alnus glutinosa*, 3. et 4. IX. 1936, Petkele, *Betula*, 28. VIII. 1936; Kankaanpää, Venesjärvi, *Alnus incana*, 18. VIII. 1936. – Kl: Kaukola, Hyppölä, *Alnus*?, 2. VIII. 1935.

In Fennia interdum in *Stereum hirsutum* transit.

\**Stereum gausapatum* Fr.

Rt: Turku, Ruissalo, 19. II. et 10. IX. 1937, Ispoinen, 8. V. 1936 et 11. V. 1937; Raissio, Metsäkylä, 8. X. 1935. – Ad caudices et ramos *Quercus roboris* plerumque emortuos. In quercetis prope oppidum Turku jam antea a cel. L. E. KARI et cel. A. V. AUER collecta.

*Stereum Chailleti* Pers. – Syn. *Trichocarpus ambiguus* Karst.

St: Siikainen, Vuorijärvi, 24. VII. 1936; Kankaanpää, Venesjärvi, 22. IX. 1937. – Ad caudices prolapsos *Piceae excelsae*.

\**Stereum sulcatum* Burt; Litsch. Arch. f. Protistenk., 72, 1930, p. 302.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, Purnajärvi, 19. VI. 1937; Salla, Auhijärvi, Nääätäjärvi, 30. VI. 1937, Hositunturi, 1. VII. 1937, Kutsajoki, Jyrhämäjärvi, 25. VII. 1937. – In cortice et ligno ad caudices prolapsos *Piceae excelsae* in silvis virgineis.

Species haec, conspecte boreali-alpina, in Europa rarissima, antea tantum in Tirolia a cel. V. LITSCHAUER collecta.

\**Stereum Murrayi* (Berk. et Curt.) Burt var. *tuberculatum* (Fr.) Pilat, Hedw., 70, 1930, p. 90. – Syn. *S. Murrayi* B. et G., Hym. de Fr., 1928, p. 381; *S. tuberculatum* Fr.; Romell, Bot. Not., 1895, p. 70.

Ks: Kuusamo, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, in declivo orientali montis Helotuksentunturi, infra caudicem corticatum *Piceae excelsae* magnae, prolapsae in silva virginea, 20. VI. 1937.

*Stereum fuscum* (Schrad.) Quél. – Syn. *S. bicolor* Pers.

Rt: Turku, Ruissalo, *Quercus robur*, 19. XI. 1936. – St: Noormarkku Sulkjärvi, *Betula*, 20. IX. 1937 et Poosjärvi, *Sorbus aucuparia*, 23. IX. 1937; Siikainen, Vuorijärvi, *Betula*, 4. VI. 1937 et *Alnus*, 3. IX. 1936; Kankaanpää, Venesjärvi, *Betula*, 19. VIII. 1935 et 18. VIII. 1936, *Alnus incana*, 3. VI. 1936.

*Stereum Karstenii* Bres., B. et G., Hym. de Fr., 1928, p. 385.

St: Kankaanpää, Luomajärvi, ad caudicem decorticatum *Pini silvestris* dejectae, 27. II. 1937.

*Cystidia (in acido lactic visa) cylindrico-clavata, apicem versus sensim dilatata, c. 90–135 × 5–7 µ, nuda, hyalina, membranis ad basim versus solum laeviter incrassatis, lumine semper dilatato. Cystidia in KOH membranas valde turgescentes habent ut vulgo apud species *Peniophorae* glebulosae affines.*

De genere *Stereum* – sensu B. et G. – in Fennia jam 16 species diversae collectae sunt.

*Hymenochaete cinnamomea* (Pers.) Bres. – Syn. *Hymenochaetella rufa* Karst.; ? *H. arida* Karst. = *H. laxa* Karst.

Rt: K ar j a l o h j a, Karkalinniemi, *Corylus avellana*, 3. X. 1937. – St: N o o r m a r k k u, Poosjoki, *Salix caprea* ?, 25. VIII. 1937; S i i k a i n e n, Vuorijärvi, *Alnus glutinosa*, 3. VI. et 17. IX. 1937, *Alnus incana*, 6. IX. 1937. – Ks: S a l l a, Vuorijärvi, Pyhäkuru, *Sorbus aucuparia*, 5. VIII. 1937.

*Hymenochaete fuliginosa* (Pers.) Bres. – Syn. *Hymenochaetella fusca* Karst.

St: P e m a r k k u, Valkjärvi, *Picea excelsa*, 24. VIII. 1936.

\**Hymenochaete subfuliginosa* B. et G., Hym. de Fr., 1928, p. 391.

Rt: T u r k u, Ruissalo, ad ramos crassos decorticatos *Quercus roboris* dejectos, 19. IX. 1936 et 10. IX. 1937.

*Sporae ellipticae, saepe uno latere applanatae, hyalinae, laeves, 4–5 × 2–2.5 µ, saepe 1-guttulatae. Basidia c. 40–45 × 3.5–4 µ, parte superiore hyalina, inferiore fuscescens, sterigmatibus quaternis, ad 2.5 µ longis. Setae 50–90 × 5–7 µ, usque 65 µ basidia superantes, valde subulatae, laeves, intense ferrugineo-fuscae, crasse tunicatae, non incrustatae, irregulariter sat crebre dispositae. Trama subnulla, hyphae valde indistinctae, conglutinatae.*

Species rarissima, ni fallimur, antea tantum semel in G a l l i a collecta. In speciminibus meis setae constanter magis subulatae quam apud *H. rubiginosam* sunt. Structura anatomica vix ab *H. fuliginosa* differt, sed colore hymenii rubiginoso diversa.

\**Hymenochaete corrugata* (Fr.) Lév.

St: K a n k a a n p ä ä, Vihteljärvi, *Alnus incana*, 28. VIII. 1937. – Ks: S a l l a, Sieminkjoki, *Salix caprea*, 27. VII. 1937. – Ad caudices dejectos cortice orbatis.

#### Asterostromelleae

*Vararia* Karst., Finl. Basidsv., 1889, p. 417; Bidr. känd. Finl. nat. o. folk. 62, 1903, p. 96. – Syn. *Asterostromella* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1907, p. 773.

*Vararia granulosa* (Fr.) M. Laur. comb. n. – Syn. *Grandinia granulosa* Karst. saltem ultimis annis; *Asterostromella granulosa* B. et G., Hym. de Fr., 1928, p. 396.

St: S i i k a i n e n, Vuorijärvi, *Pinus silvestris*, 3. IX. 1936. – Ks: S a l l a, Sieminkjoki, *Pinus silvestris*, 27. VII. 1937, Niluttijärvi, *Picea excelsa*, 29. VII. 1937. – Ad caudices dejectos decorticatosque.

#### Asterostromaceae

*Asterodon ferruginosum* Pat. – Syn. *Aciella tomentosa* (Schrad.) Karst., Finl. Basidsv. i urval beskr. 1889, p. 148.

St: S i i k a i n e n, Vuorijärvi, *Betula*, 17. IX. 1937; K a n k a a n p ä ä Venesjärvi, Kiimahohka, *Betula*, *Picea excelsa* et *Pinus silvestris* 16. VI. 1935 et 22. IX. 1937. – Kb: P i e l i s j ä r v i, Louhivaara, *Picea excelsa*, 19. VII. 1936. – Ks: S a l l a, Sieminkjoki, *Pinus silvestris*, 27. VII. 1937. – Ad trunco et caudices dejectos.

## Hydnaceae

\**Grandinioa Brinkmannii* Bres. B. et G.

Rt: Turku, Ispoinen, *Tilia cordata*, 11. V. 1937. - St: Noormarkku, Poosjärvi, *Viburnum opulus*, 23. IX. 1937.

*Grandinioa raduloides* (Karst.) B. et G., Hym. de Fr., 1928, p. 412. - Syn. *Hydnum raduloides* Karst.; *H. niceum* sensu Karst. pro parte; *H. fallax* sensu Karst. pro parte.

St: Sii kainen, Vuorijärvi, 3. IX. 1936; Kankaanpää, Luomajärvi, 4. IX. 1937. - Ks: Kuusamo, ad septentrionem versus ab lacu Paanajärvi, Purnujärvi, 5. VII. 1937. - In ligno ad caudices dejectos *Betulae*.

\**Acia uada* (Fr.) B. et G.

Rt: Karjalohja, Maila, ad caudicem corticatum *Alni incanae* pro-lapsae, 2. X. 1937.

\**Acta stenorhiza* (Pers.) B. et G.

Kb: Pielisjärvi, Louhiavaara, supra hymenium *Inonoti obliqui* infra caudicem dejectum *Betulae*, 12. VII. 1936.

*Odontia alutacea* (Fr.) B. et G. - Syn. *Kneiffia stenospora* Karst.

St: Sii kainen, Vuorijärvi, *Betula*, 29. VII. 1936; Kankaanpää, Vihteljärvi, *Picea excelsa*, 28. VII. 1937.

\**Odontia hydnoides* (Cke et Mass.) v. Hoehn. - Syn. *Peniophora crystallina* v. H. et L.

Rt: Turku Ruissalo, *Quercus robur* et *Betula*, 9. IX. 1937. - St: Noormarkku, Sulkjärvi, *Tilia cordata*, 20. VIII. et 20. IX. 1937; Sii kainen, Vuorijärvi, *Tilia cordata*, 1. IX. 1937 et *Betula*, 6. IX. 1937; Kankaanpää, Venesjärvi, *Alnus glutinosa*, 12. VI. 1937. - Ks: Salla, Kutsajoki, Jyrhämäjärvi, *Betula*, 31. VII. 1937. Vuorijärvi, Pyhäkuru, *Betula*, 5. VIII. 1937.

*Dryodon cirrhatum* (Pers.) Quel. - Syn. *Creolophus cirratus* Karst.

St: Sii kainen, Haapakoski, *Betula*, 3. VIII. 1936; Kankaanpää, Venesjärvi, *Populus tremula*, 28. VIII. 1935 et *Betula*, 1. IX. 1936.

\**Dryodon fragile* (Pers.) B. et G., Hym. de Fr., 1928, p. 444; Pilat, Bull. Soc. Mycol. de France, 51, 1936, p. 407.

St: Sii kainen, Vuorijärvi, Itä-Suomilampi, ad caudicem basalem decorticatumque *Populi tremulae* oblique pro-lapsae in silva deserta montosaque; ab eadem arbore 5. VI. 1935 et 27. II. 1937.

## Phylacteriaceae

\**Caldesiella ferruginea* (Fr.) Sacc. B. et G., Hym. de Fr., 1928, p. 471.

St: Pömarkku, Längelmäki, Piispanlampi, ad corticem et lignum infra caudicem cariosum *Populi tremulae* magnae, dejectae in piceeto umbroso, 2. IX. 1937.

*Kneiffiella bombycinia* Karst., Acta Soc. F. Fl. Fenn., 11, n:o 5, 1895, p. 4. - Syn. *K. barba Iovis* Karst., Finl. Basidsv., 1889, p. 371; *Tomentellina ferruginea* v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1604. Rt: Karjalo hja, Karkalinniemi, ad caudicem *Betulae* prolapsae 3. X. 1937.

*Tomentella isabellina* (Fr.) B. et G.

St: Noormarkku, Sulkjärvi, *Betula*, 28. VII. 1936; Siikainen, Vuorijärvi, *Alnus glutinosa*, 17. IX. 1937.

*Tomentella mucidula* (Karst.) v. H. et L., Sitzb. Ak. Wien, 1 Abt., 1906, p. 1572. - Syn. *Hypochnus mucidulus* Karst., Hattsv., II, 1882, p. 162; Finl. Basidsv., 1889, p. 441.

*Effusa, tenuis, tomentoso-membranacea, arcte adhaerens, subcrustacea, porulosa vel demum vulgo contigua, in secco violascenti-brunneola, ambitu albo-fibrillosa vel subsimilari.*

*Sporae globosae, sat regulariter rotundatae, sat laxe aculeatae, laete fuscantes, 6 - 9  $\mu$  diam. (sine aculeis); aculei c. 1.5  $\mu$  longi, subhyalini, relativiter late conici. Basidia 30 - 45  $\times$  7 - 8  $\mu$ , subhyalina, 4-sterigmatibus rectis vel laeviter arcuatis, subulatis, 6 - 9  $\mu$  longis. Hymenium relativiter densum e basidiis et hyphis sterilibus, c. 2 - 4  $\mu$  crassis, saepe capitatis, non prominentibus formatum. Hyphae tramales sat laxe subverticaliter intextae 1.5 - 2.5 (- 4)  $\mu$  crassae, subhyalinæ, fuscantes. septatae sed non nodosæ, laeves, non incrustatae, tenuiter tunicatae, ad septa saepe (praesertim in parte superiore tramae) inflatis ampullaceis oblongis et tum usque 10  $\mu$  crassae.*

St: Siikainen, Vuorijärvi, Väääräneva, ad corticem infra caudicem cariosum *Piceae excelsae* prostratae in piceeto umbroso, 6. IX. 1937.

Species rarissima antea forsitan tantum e loco classico comperta (Ta: Tamme Mustiala, Haarankorpi in ligno mucido, 9. X. 1878, leg. P. A. KARSTEN). Specimen meum commemoratum cum specimine originali in herb. Karstenii exakte congruit. Habitu externo *T. lividae* Litsch. sat similis, sed characteribus microscopicis valde distat.

\**Tomentella punicea* (A. et S.) Schroet.

St: Kankaanpää, Luomajärvi, Väääränevan harju, ad caudicem humidum *Juniperi communis* desiccatae, 15. VIII. 1936.

[\**Tomentella livida* Litsch., Sv. Bot. Tidskr., 26, 1932, p. 450.

Ta: Tamme La, Mustiala, Syrjä, ad lignum pineum carbonatum, 28. X. ?, leg. P. A. Karsten (sub nom. *Hypochnus mucidulus* Karst.)

Specimen Karstenianum cum specimine originali in herb. Uppsalae optime congruit.]

\**Tomentella rubiginosa* (Bres.) R. Maire; B. et G., Hym. de Fr., 1928, p. 507.

Rt: Karjalo hja, Karkalinniemi, ad lignum putridissimum infra caudicem *Populi tremulae* dejectae, 3. X. 1937.

\**Tomentella coriaria* (Peck) B. et G., Hym. de Fr., 1928, p. 510. Syn. *Hypochnus fulvocinctus* Bres.

Rt: Turku, Ruissalo, ad fontem Choraei, infra ramum deciduum decorticatumque *Quercus roboris*, 9. IX. 1937.

\**Tomentella fibrillosa* (Burt) B. et G., Hym. de Fr., 1928, p. 513.  
*Effusa, tenuis, 100 – 140 µ crassa, aracnoideo-submembranacea, adhaerens, albidocinerascens, ambitu similari.*

*Sporae valde irregulares, angulato-globosae, subtriangulæ, tuberculato verrucosæ (non aculeatae), hyalinae, 3.5 – 6 µ. Basidia in hymenio laxo, subclavata, hyalina, 12 – 18 × 4.5 – 6 µ, 4-sterigmatibus rectis vel laeviter arcuatis, subulatis, 2.5 – 3.5 µ longis. Hyphae laxe et irregulariter intricatae, sat crebre ramosæ, distinctæ, septato-nodosæ (sed septis saepe minus distinctis), hyalinae, 2.5 – 3.5 µ crassæ, membranis laeviter incrassatis, laevibus vel subtiliter asperis.*

St: N o o r m a r k k u, Poosjoki, ad lignum cariosissimum infra caudicem putrescentem *Betulae* una cum *Peniophora byssoidæ*, 25. VIII. 1937.

Specimen meum commemoratum forsitan hymenio magis membranaceo, vix reticulato a specimimibis americanis distat. An species diversa et nova?

### Polyporaceae

#### Polyporoideæ

*Polyoporellus arcularius* (Batsch) Pilat. – Syn. *P. brumalis*, sensu Karstenii.

In provinciis Rt, St et Kl legi.

\**Piptoporus pseudobetulinus* (Mur.) Pilat, Atlas d. Champ. Eur., Ser. B, Polyp., 1937, p. 123.

Ks: K u u s a m o, in deserto silvoso ad septentrionem versus ab lacu Paanajärvi, Nuottilampi, ad truncum erectum, altum *Populi tremulae* magnæ emortuaeque 20. VI. 1937.

Specimen vetustum, sterile qua de causa determinatio parum incerta.

\**Lepioporus lapponicus* (Rom.) Pilat. – Syn. *Polyporus lapponicus* Romell, Ark. f. Bot., 11, n:o 3, 1911, p. 17, Sv. Bot. Tidskr., 20, 1926, p. 11; *Ungulina lapponica* Pilat, Bull. Soc. Mycol. de France, 49, 1934, p. 258.

Kb: P i e l i s j ä r v i, Kitsinvaara, Palkinvaara, 10. VII. 1936, Louhivaara, Kirkisenvaara 8. et 19. VII. 1936 et Haapavaara, 13. VII. 1936. – Ks: K u u s a m o, ad septentrionem versus ab lacu Paanajärvi, Latvajärvi, prope montem Helotuksentunturi, 23. VI. 1937; S a l l a, Niluttijärvi, 29. VII. 1937 et Pyhäkuru, 5. VIII. 1937. – Ad caudices prolapsos *Piceæ excelsæ*.

*Trametes heteromorpha* (Fr.) Bres. – Syn. *Lenzites heteromorpha* Fr.; Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 227.

Rt: T u r k u, Pahaniemi, 6. X. 1935; K a a r i n a, Littoinen, 23. IV. 1935. – St: N o o r m a r k k u, Poosjoki, 25. IX. 1937; S i i k a i n e n, Vuorijärvi, 6. IX. 1935 et 31. V. 1936; K a n k a a n p å ä, Venesjärvi, 18. VII. 1934, 14. VI. 1935 et 30. VII. 1936. – Ks: K u u s a m o, ad septentrionem versus ab lacu Paanajärvi, Iso-Nuupajärvi, 25. VI. 1937. – Ad truncos *Piceæ excelsæ* crescit, semel etiam ad caudicem *Betulae* prostratae legi.

*Trametes trabea* (Pers.) B. et G., Hym. de Fr., 1928, p. 586. – Syn. *T. protracta* Fr.

Kb: P i e l i s j ä r v i, Kitsinvaara, Kangas-Piilo, 15. VIII. 1936. – Ks: K u u s a m o, Paanajärvi, Lautavaara, 11. VII. 1937 et Kyökkäysvaara,

12. VII. 1937, Sovajoki, Tervajärvi, 11. VII. 1937; Salla, Tenniöjoki, Liinahattu, 16. VII. 1937 et Koukkari, 16. VII. 1937, Korja, inter Tenniöjärvi et Näppäränkeitonkoski, 18. VII. 1937. — Ad trabes vel caudices dejectos decorticatosque *Pini silvestris* et *Piceae excelsae* crescit. Ad hanc speciem pertinet etiam *Trametes thelephoroides* Karst., Finl. Basidsv., 1889, p. 336.

*Ganoderma lucidum* (Leys.) Karst.

St: Noormarkku, Poosjärvi, ad truncum vetustum *Betulae*, 15. IX. 1937.

*Phellinus isabellinus* (Fr.) B. et G., Hym. de Fr., 1928, p. 622. — Syn. *Trametes tenuis* Karst.; *T. contigua* Karst., Bidr. kän. Finl. nat. o. folk., 51, 1892, p. 220.

St: Noormarkku, Poosjoki, *Picea excelsa*, 25. IX. 1937; Kankaanpää, Venesjärvi, *Pinus silvestris*, 25. VI. 1935. — Kb: Pielisjärvi, Kitsinvaara, *Pinus silvestris*, 6. VII. 1936 et *Picea excelsa*, 10. VII. 1936, Louhivaara, *Pinus silvestris*, 12. VII. 1936. — Ks: Kuusamo, Paanajärvi, Takaloma, *Pinus silvestris*, 11. VII. 1937, ad septentrionem versus ab lacu Paanajärvi, Helotuksenku, *Picea excelsa*, 26. VI. 1937, Kaijanlampi, *Picea excelsa*, 24. VI. 1937; Salla, Nivajärvi, *Picea excelsa*, 3. VIII. 1937 et Kursuojankuru, *Picea excelsa*, 1. VIII. 1937. — In cortice et ligno caudicium dejectorum crescit.

*Phellinus ferrugineo-fuscus* (Karst.) Bourd., Bull. Soc. Mycol. de France, 48, 1932, p. 228. — Syn. *Poria ferrugineo-fusca* Karst.

St: Noormarkku, Poosjoki, 24. VIII. 1937. — Kb: Pielisjärvi, Kitsinvaara, Palkinvaara, 10. VII. 1936, Louhivaara, Kirkisenvaara, 8. VII. 1936 et Haapavaara, 13. VII. 1936. — Ks: sat frequenter in silvis virginis in paroeciis Kuusamo et Salla nobis occurrit. — Semper ad caudices prolapsos *Piceae excelsae* plerumque corticatos crescit.

\**Phellinus nigro-limitatus* (Rom.) B. et G., Hym. de Fr., 1928, p. 622. — Syn. *Polyporus nigro-limitatus* Romell, Ark. f. Bot. 11, n:o 3, 1911, p. 18.

Kb: Pielisjärvi, Louhivaara, Ylinen Pitkäjärvi, ad caudicem decorticatum *Piceae excelsae* magnae prolapsae in silva virginea, 6. VII. 1936.

\**Phellinus Friesianus* (Bres.) B. et G., Hym. de Fr., 1928, p. 623.

Rt: Karjalohja, Karkalinniemi, *Corylus avellana*, 3. X. 1937. — St: Noormarkku, Poosjoki, *Salix caprea* (adhuc vival), 24. VIII. 1937. — Kl: Kurkijoki, Kuuppala, *Prunus padus*, 22. VI. 1936, Tervu, insula Vossina, *Salix cinerea*, 20. VI. 1936.

*Inonotus leporinus* (Fr.) Karst., Hattsv., II, 1882, p. 72. — Syn. *I. triquetus* Fr.

Haec species in provincia Ks frequenter vel sat frequenter provenit. — Ad basim caudicium truncorumque *Piceae excelsae* crescit. Semel etiam in arbore viva observavi.

\**Poria subtilis* (Schrad.) Bres.; B. et G., Hym. de Fr., 1928, p. 656. — Syn. *Polyporus hymenocystis* Berk. et Br.

Rt: Turku, Ruissalo, *Quercus robur*, 19. II. et 10. IX. 1937. — St: Noormarkku, Sulkjärvi, in hymenio *Ungulinae fomentariae* ad *Betulam*, 8. VII. 1936 et Poosjärvi, *Betula*, 25. VII. 1937, *Sorbus aucuparia* et *Alnus glutinosa*,

23. IX. 1937; P o m a r k k u, Valkjärvi, *Betula*, 24. VIII. 1936; K a n k a a n p ä ä, Venesjärvi, 10. VI. 1935.

*Poria aneirina* (Smrft) Sacc.; B. et G., Hym. de Fr., 1928, p. 667. – Syn. *Caloporia aneirina* Karst.; *Physisporus serenus* Karst.

St: K a n k a a n p ä ä, Venesjärvi, ad ramos crassos dejectosque *Populi tremulae*, 10. VI. 1935 et Luomajärvi, *Populus tremula*, 6. IX. 1935.

\**Poria resinascens* (Rom.) – Syn. *Polyporus resinascens* Romell, Ark. f. Bot., 11, n:o 3, 1911, p. 20.

Rt: K a a r i n a, Littoinen, ad truncum altum *Populi tremulae*, 20. IX. 1936. – St: S i i k a i n e n, Vuorijärvi, Itä-Suomilampi, ad caudicem *Populi tremulae* dejectae, 29. VIII. 1936.

*Poria bombycinia* Fr.; B. et G., Hym. de Fr., 1928, p. 670. – Syn. *Physisporus hians* Karst.

Rt: K a r j a l o h j a, Karkalinniemi, in ligno ad caudicem basalem et ad radices *Piceae excelsae* olim prolapsae, 3. X. 1937. – St: N o o r m a r k k u, Poosjärvi, infra caudicem corticatum *Piceae excelsae* prostratae, 15. IX. 1937.

*Poria lenis* (Karst.) – Syn. *Physisporus lenis* Karst. Finl. Basidsv., 1889, p. 319; *Polyporus lenis* Romell, Ark. f. Bot. 11, n:o 3, 1911, p. 17; Sv. Bot. Tidskr., 20, 1926, p. 12; *Poria calcea* var. *coriacea* B. et G., Hym. de Fr., 1928, p. 674.

St: N o o r m a r k k u, Sulkjärvi, 20. VIII. 1937; S i i k a i n e n, Vuorijärvi, Itä-Suomilampi, 1. VI. 1936, 8. VI et 24. IX. 1937, Väääräneva 3. IX. 1936; K a n k a a n p ä ä, Venesjärvi 28. VIII. 1935. – In ligno putridissimo ad caudices dejectos *Pini silvestris*.

\**Poria radula* Pers.; B. et G., Hym. de Fr., 1928, p. 678; Pilat, Bull. Soc. Mycol. de France, 48, 1932, p. 47.

Rt: K a r j a l o h j a, Karkalinniemi, ad caudicem putrescentem *Coryli avellanae*, 3. IX. 1937.

*Poria byssina* Pers., sensu Romellii. – Syn. *P. vulgaris* Fr., sensu Bresadolae; B. et G., Hym. de Fr., 1928, p. 679.

Rt: T u r k u, Ruissalo, ad ramos deciduos *Quercus roboris*, 9. IX. 1937.

### Boletoideae

#### *Boletus chrysenteron* Bull.

Rt: T u r k u, Ruissalo, in querceto, 10. IX. 1937.

### AGARICALES

#### *Tramillaria robusta* (A. et S.) Fr.

St: K a n k a a n p ä ä, Venesjärvi, in pineto aprico, 18. VIII. 1936.

#### \**Lepiota parvannulata* Lasch.

Rt: K a r j a l o h j a, Karkalinniemi, in coryleto, 3. X. 1937. – St: N o o r m a r k k u, Poosjärvi, inter folia decidua in nemore uberrimo, 23. IX. 1937.

\**Tricholoma nudum* (Bull.) Fr.

Rt: Raisio, Metsäkylä, in silva mixta, 8. X. 1935.

*Mycenae aurantium marginata* Fr.

St: Noormarkku, Sulkjärvi, in piceeto, 20. IX. 1937, Poosjärvi, in nemore uberrimo, 23. IX. 1937, Poosjoki, in silva mixta, 25. IX. 1937.

“*Mycenae melanata* Fr.

Rt: Turku, Ruissalo, ad truncos *Quercus roboris*, 21. X. 1934 et 9. IX. 1937.

*Mycena polygramma* (Bull.) Fr.

Rt: Käralohja, Karkalinniemi, ad caudicem cariosum *Coryli avellanae* 3. X. 1937.

*Collybia acervata* Fr.

St: Siikainen, Vuorijärvi, Itä-Suomilampi, in basi dura trunci vetusti *Pini silvestris*, 29. VIII. 1936, Väääräneva, ad lignum putridissimum, 17. VIII. 1937.

*Marasmius grammum* (Lib.) Verk.

St: Kankaanpää, Venesjärvi, 1. IX. 1936.

\**Pleurotus candidissimus* Berk. et Curt.; Pilat, Atlas des Champ. Eur., Ser. A. Pleurotus, 1935, p. 37.

Rt: Käralohja, Karkalinniemi, *Sorbus aucuparia*, 3. X. 1937. – St: Noormarkku, Sulkjärvi, *Populus tremula* et *Sorbus aucuparia*, 5. IX. 1936, *Salix caprea*, 20. VIII. 1937, Poosjärvi, *Sorbus aucuparia*, 15. IX. 1937, Poikeljärvi, *Populus tremula*, 18. IX. 1937; Siikainen, Haapakoski, *Sorbus aucuparia*, 3. VIII. 1936, Vuorijärvi, 3. IX. 1936. – Ad lignum relative durum infra caudices tenuiores dejectos.

*Lentinus ursinus* Fr. – Syn. *Hemicybe ursina* Karst.

St: Siikainen, Vuorijärvi, ad caudicem *Betulae prostratae*, 6. IX. 1937; Kankaanpää, Venesjärvi, ad caudicem cariosissimum *Betulae magnae*, prolapsae, 14. VIII. 1937.

*Lentinus o mphalodes* Fr.; R. Maire, Bull. Soc. Mycol. de France, 30, 1904, p. 207.

St: Noormarkku, Sulkjärvi, ad truncum *Piceae excelsae*, 5. IX. 1936 et (ab eodem trunc.) 29. IX. 1937.

*Entoloma ardosiacum* (Bull.) Fr.

St: Kankaanpää, Luomajärvi, in silva aciculosa, 5. VIII. 1936.

*Pholiota confragosa* Fr.

St: Kankaanpää, Venesjärvi, Kuumahonka, ad caudicem cariosum *Betulae prolapsae*, 11. VIII. 1935 et (ab eodem loco), 22. IX. 1937.

\**Pholiota spectabilis* Fr.

Rt: Turku, Ruissalo, ad truncum *Fraxini excelsioris*, 11. X. 1935.

*Flammula astragalina* Fr.

Rt: Raisio, Vatsela, ad lignum putrescens in piceeto declivi, 10. X. 1935.

*Naucoria Tavastiensis* Karst., Hattsv., I, 1879, p. 430.

St: Kankaanpää, Venesjärvi, Lintulahti, in prato paludoso, 28. VII. 1935 et 18. VIII. 1936.

*Naucoria erinacea* Fr.

Rt: Karjalo hja, Karkalinniemi, ad caudicem desiccatum *Salicis cinereae*, 25. V. 1937.

\**Crepidotus calolepis* Fr.

Rt: Parainen, prope templum, *Sorbus aucuparia*, 22. IX. 1935; Karjalo hja, Maila, *Sorbus aucuparia*, 2. X. 1937. — St: Noormarkku, Sulkjärvi, *Populus tremula*, 28. VII. 1936, Poosjoki, *Populus tremula*, 25. IX. 1937; Siikainen, Petkele, *Populus tremula*, 24. VIII. 1936; Kankaanpää, Luomajärvi, *Populus tremula*, 31. V. 1936.

\**Crepidotus Lundellii* Pilat apud Lundell et Nannf., Fungi exsicc. Suec. 1936, n:o 220.

Rt: Karjalo hja, Maila, ad ramum decorticatum *Ulmi* deciduum, 2. X. 1937.

Cum specimibus suecicis bene convenit.

*Crepidotus in honestus* (Karst.) — Syn. *Phialocybe in honesta* Karst., Finl. Basidsv., 1889, p. 233.

St: Noormarkku, Sulkjärvi, 5. IX. 1936 et 20. IX. 1937; Lavia, Aluskylä, Pyykoski, 26. VIII. 1936; Siikainen, Vuorijärvi, 29. VIII. 1936. — Ad corticem *Populi tremulae*.

*Stropharia albonitens* Fr.

St: Noormarkku, Kirkkonkylä, Kivimäki, in prato, 25. IX. 1937.

\**Stropharia squamosa* (Pers.) Fr.

St: Jämiäjärvi, Jyllinkoski, inter frustula lignea ad officinam serrariam, 7. VIII. 1936.

## GASTEROMYCETES

*Pisolithus tintorioides* (Pers.) Cke. et Cauch. — Syn. *Polysaccum crassipes* DC.; *P. boreale* Karst.

St: Kankaanpää, Pohjankangas, Hietaharju, ad terram arenosam, duram in pineto sterili, 30. VIII. 1936.

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## SUOMENKIELINEN SELOSTUS.

### UUSIA JA HARVINAISIA BASIDIOSIENIÄ SUOMESTA.

Kirjoituksessa esitetään levinneisyystietoja yhteensä 148:sta eri basidiosienilajista perustuen kirjoittajan vv. 1934–37 etupäässä maakunnista Rt, St, Kb ja Ks keräämään aineistoon. Lisäksi sisältää kirjoitus lajikuvauksia useista vähän tunnetuista lajeista. Suomelle uudet lajit, joita on yhteensä 80, ovat merkityt tähdellä. Seuraavat 3 lajia selitetään tieteelle uusiksi: *Corticium hiemale*, *Peniophora septentrionalis* ja *Aleurodiscus fennicus*.

